|          | Index of Claims  |          |           |                |              |           |              |              |           |            |          |          |          | A        | Application/Control No. |            |                               |           |           |           |             |   |            |            | Applicant(s)/Patent under Reexamination |                     |          |        |         |              |        |          |               |
|----------|--|----------|-----------|----------------|--------------|-----------|--------------|--------------|-----------|------------|----------|----------|----------|----------|-------------------------|------------|-------------------------------|-----------|-----------|-----------|-------------|---|------------|------------|---|---------------------|----------|--------|---------|--------------|--------|----------|---------------|
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|          |  |          |           |                |              |           |              |              |           |            |          |          |          |          |                         | Examiner . |                               |           |           |           |             |   |            |            |   | Art Unit            |          |        |         |              |        |          | NL.           |
|          |  |          |           |                |              |           |              |              |           |            |          |          |          |          | Jerry Martin Blevins    |            |                               |           |           |           |             |   |            |            | 2883                                    |                     |          |        |         |              |        |          |               |
|          |  |          |           |                |              |           |              |              |           |            |          |          |          |          | veri y martin Dievilla  |            |                               |           |           |           |             |   |            |            |   |                     |          |        |         |              |        |          |               |
|          |  | $\lceil$ | Re        | lec            | ted          | 7         |              |              | (         | Thi        | rou      | gh n     | un       | er       | al)                     |            |                               | . N       |           |           | Non-Elected |   |            | ]          | A                                       | Appeal              |          |        |         |              | 7      |          |               |
|          |  |          |           |                |              |           |              |              |           | Cancelled  |          |          |          |          |                         |            |                               | N         | N         |           |             |   |            | _          |   |                     |          |        |         | 4            |        |          |               |
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|          |  | <u>_</u> | <u>_</u>  | -              |              |           |              | L            |           |            |          |          |          |          |                         | _          |                               |           |           |           |             | · | لا         |            |   |                     |          |        |         |              |        |          |               |
| C        | aim  | ┝        |           | Date           |              |           | Т            | _            | Claim     |            |          | $\Box$   |          |          | Date                    | <u> </u>   | <del>─</del> ─┤├ <sup>C</sup> |           |           | _Cla      | aim_        | - | Date       |            |   |                     |          | Τ-     | Т       | 1            |        |          |               |
| Final    | Original   | 8/31/05  |           | 1              |              |           |              |              |           | i          | Final    | Original |          |          |                         |            |                               |           |           |           | -           | - | Final      | Original   |   |                     |          | 1      |         |              |        |          |               |
| "        | δ  | S        |           | ł              |              | ll        |              |              |           | l          | L.       | ŏ        |          |          |                         |            |                               |           |           |           | -           | 1 | Ŧ          | 5          |   |                     |          | 1      | 1       |              |        | ١.       |               |
|          | 1  | 1        |           | 7              | Ŧ            | П         | 7            | 7            | 7         | F          |          | 51<br>52 | П        |          |                         |            |                               | $\dashv$  | 4         | $\exists$ | 7           | F |            | 101<br>102 | П                                       | 7                   | 7        | 7      | 7       | 7            | T      | H        |               |
|          | 3  | 1        | H         | $\pm$          | $\pm$        |           | 1            | 1            | 1         | t          |          | 53       |          |          | $\vdash$                |            | -                             |           |           | 1         | $\exists$   | Ł |            | 103        |   | 1                   | +        | $\pm$  | $\pm$   | $\pm$        | $\pm$  | $\vdash$ |               |
|          | 5  | 1        | $\Box$    | $\mp$          | $\bot$       | $\square$ | $\dashv$     | 7            | 7         | F          |          | 54<br>55 | Н        |          |                         |            | $\Box$                        | -         | $\dashv$  |           | 7           | F |            | 104<br>105 |   | $\dashv$            | 4        | 7      | $\mp$   | $\bot$       | +      | $\vdash$ |               |
|          | 6  | 1        |           | $\pm$          | $\pm$        | 廿         | $\exists$    | 1            | 1         | E          | _        | 56       |          |          | _                       |            |                               |           | 士         |           | $\exists$   | t |            | 106        |   |                     | $\pm$    | †      | $\pm$   | $\pm$        | 土      | H        |               |
| <u> </u> | 8  | 1        | Н         | +              | +            | $\square$ | +            | +            | 4         | $\vdash$   |          | 57<br>58 | Н        |          | Н                       | $\dashv$   | $\dashv$                      | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$    | - |            | 107<br>108 | H                                       | -                   | $\dashv$ | +      | +       | +            | +      | Н        |               |
|          | 9  | 1        | $\exists$ |                | $\pm$        |           | $\exists$    | $\pm$        | 1         | t          |          | 59       |          |          |                         |            |                               |           |           |           | ╛           | t |            | 109        |   | $\exists$           | 士        | $\pm$  | $\perp$ | $\pm$        | $\pm$  | $\Box$   |               |
|          | 10<br>14   |          | Н         | 4              | 1            | $\Box$    | $\perp$      | $\bot$       | $\Box$    | F          |          | 60<br>61 | Н        |          |                         | $\Box$     |                               | 4         | $\dashv$  | $\exists$ | ╕           | F |            | 110        |   | $\neg$              | $\dashv$ | $\bot$ | $\mp$   | $\downarrow$ | 1      |          | 1             |
| -        | 112  |          | $\forall$ | +              | +            | H         | $\dashv$     | $\dagger$    | 1         | -          |          | 62       | Н        | П        | Н                       | -          | $\dashv$                      | $\dashv$  | $\forall$ | +         | $\dashv$    | ŀ |            | 112        | Н                                       | $\dashv$            | $\dashv$ | +      | +       | +            | ╁      | Н        |               |
|          | 13   | 1        | $\Box$    | $\Box$         | $\bot$       | $\Box$    | $\Box$       | 7            |           | F          |          | 63       |          |          |                         |            |                               |           | $\Box$    | $\Box$    | $\Box$      | F |            | 113        |   | $\Box$              | $\Box$   | Ţ      | $\top$  | T            | Ŧ      |          |               |
| -        | 14   |          | $\dashv$  | ╁              | ╁            | ++        | $\dashv$     | +            | $\dashv$  | $\vdash$   |          | 64<br>65 | Н        | -        | Н                       | $\dashv$   | $\dashv$                      | ┪         | $\dashv$  | ┪         | $\dashv$    | H |            | 114<br>115 | $\vdash$                                | $\dashv$            | +        | +      | +       | +            | +      | Н        |               |
|          | 16   | 1        |           | 工              | 丰            | $\Box$    | $\Box$       | 1            | 7         | F          |          | 66       |          |          |                         | $\Box$     |                               | $\dashv$  | $\Box$    | $\exists$ |             | Į |            | 116        |   | $\rightrightarrows$ | $\dashv$ | 1      | 7       | 1            | 丰      |          |               |
| -        | 17   |          | Н         | +              | ┿            | ╁┤        | +            | ╅            | $\dashv$  | $\vdash$   |          | 67<br>68 | Н        | Н        | -                       | $\dashv$   | $\dashv$                      | $\dashv$  | $\dashv$  | ┪         | $\dashv$    | H |            | 117        | $\vdash$                                | ᅥ                   | +        | +      | +       | ╫            | +-     | $\vdash$ |               |
|          | 19   | 1        |           | 丰              | #            | $\Box$    | コ            | #            | 7         |            |          | 69       |          |          |                         | $\Box$     | $\Box$                        | $\dashv$  | $\Box$    | $\dashv$  |             | ļ |            | 119        |   | $\dashv$            | $\dashv$ | 1      | 1       | 1            | $\bot$ |          | <u>.</u><br>I |
| -        | 20<br>21   | 1        | H         | 十              | 十            | H         | $\dashv$     | +            | $\dashv$  | $\vdash$   |          | 70<br>71 | Н        | -        | Н                       | $\dashv$   | $\dashv$                      | ┪         | +         | +         | 4           | ŀ |            | 120<br>121 | $\vdash$                                | $\dashv$            | +        | +      | +       | +            | ╁      | H        |               |
|          | 22   |          | $\Box$    | 丰              | 丰            | $\Box$    | #            | #            | $\exists$ | L          |          | 72       | П        |          |                         |            |                               |           | $\Box$    | $\Box$    |             | ļ |            | 122        |   | $\dashv$            | 4        | #      | #       | 1            |        |          | 1             |
| -        | 23<br>24   |          | Н         | +              | +            | ╁┤        | +            | +            | ┨         | $\vdash$   | _        | 73<br>74 | Н        | -        | Н                       | -          | $\dashv$                      | $\dashv$  | +         | $\dashv$  | $\dashv$    | ŀ |            | 123<br>124 | Н                                       | +                   | +        | +      | +       | +            | +      | ╁╌       |               |
|          | 25   |          |           | $\blacksquare$ | $\downarrow$ | $\Box$    | ightharpoons | 1            |           |            |          | 75       |          |          |                         |            |                               |           | $\Box$    | $\Box$    |             | ļ |            | 125        |   | $\rightrightarrows$ | #        | 1      | 1       | #            | Ţ      |          |               |
| -        | 26<br>27   | $\vdash$ | Н         |                | ╂            | ╂╌╂       | $\dashv$     | +            | $\dashv$  | $\vdash$   | _        | 76<br>77 | Н        | $\dashv$ | Н                       | $\dashv$   | $\dashv$                      | $\dashv$  | $\dashv$  | $\dashv$  | $\dashv$    | ŀ |            | 126<br>127 | H                                       | $\dashv$            | $\dashv$ | +      | +       | +            | +-     | Н        |               |
|          | 28   |          |           | #              | 丰            |           |              | #            | ╡.        | F          |          | 78       |          |          |                         |            |                               | $\exists$ |           | $\dashv$  | ゴ           |   |            | 128        |   | コ                   | $\dashv$ | 1      | #       |              | 丰      |          |               |
| _        | 29<br>30   | H        | Н         | -              | +            | +         | +            | +            | -         | $\vdash$   | _        | 79<br>80 | Н        | $\dashv$ | $\dashv$                | $\dashv$   | $\dashv$                      | $\dashv$  | +         | +         | $\dashv$    | - |            | 129<br>130 | H                                       | $\dashv$            | $\dashv$ | +      | ╫       | +            | +      | $\vdash$ |               |
|          | 31   |          |           |                | 士            | П         |              | 1            |           |            |          | 81       |          |          |                         |            | $\exists$                     | ゴ         | $\exists$ | ゴ         |             |   |            | 131        |   | 1                   | _        | #      | 1       | 1            |        | $\Box$   |               |
| ·        | 32   | H        | Н         | +              | ╁            | ╂╌┨       | +            | +            | $\dashv$  | -          |          | 82<br>83 | Н        | -        | $\vdash$                | $\dashv$   | $\dashv$                      | $\dashv$  | $\dashv$  | $\dashv$  | 4           | - |            | 132<br>133 | Н                                       | -                   | +        | +      | +       | +            | +      | $\vdash$ |               |
|          | 34   |          |           | 士              | 土            | П         | 士            | 1            | 1         | L          |          | 84       |          |          |                         |            |                               | 士         | ゴ         | ⇉         | ゴ           | E |            | 134        |   | 士                   | 士        | 土      | 1       | 士            |        |          |               |
| -        | 35<br>36   | H        | $\dashv$  | -              | ╀            | ╁         | +            | +            | 4         | $\vdash$   |          | 85<br>86 | Н        |          |                         | _          | 4                             | -         | $\dashv$  | 4         | $\dashv$    | - |            | 135<br>136 | $\vdash$                                | +                   | +        | +      | +       | +            | +      | Н        |               |
|          | 37   |          |           | 士              | 土            |           | $\pm$        | 士            | _         | L          |          | 87       |          |          |                         |            |                               | d         | 士         | 士         | J           | t |            | 137        |   | 1                   | $\pm$    | 土      | 土       | 1            |        |          |               |
|          | 38   |          | 4         | 4              | +            | $\sqcup$  | 4            | +            | 4         | ·          |          | 88<br>89 |          | _        |                         | _          | _                             | 4         | 4         | 4         | 4           | F |            | 138<br>139 | Н                                       | 4                   | 4        | 4      | +       | +            | +      | Н        |               |
|          | 40   | H        | $\dashv$  | 十              | +            | Н         | $^{+}$       | +            | 1         | H          |          | 90       |          | $\dashv$ |                         | $\dashv$   | $\dashv$                      | $\exists$ | _         |           | $\exists$   | t |            | 140        |   |                     | $\pm$    | $\pm$  | $\pm$   | $\pm$        | 1      | H        |               |
|          | 41   |          | $\Box$    | 7              | $\perp$      | П         | $\exists$    | 7            | 7         | F          | L        | 91       |          | $\Box$   |                         | $\Box$     | $\dashv$                      | 4         | $\dashv$  | 4         | $\exists$   | F |            | 141        | П                                       | $\dashv$            | $\dashv$ | 7      | 4       | 4            | $\bot$ | П        |               |
| $\vdash$ | 42   |          | $\dashv$  | +              | +            | +         | +            | +            | $\exists$ | +          | $\dashv$ | 92<br>93 | Н        | $\dashv$ |                         | $\dashv$   | _                             | _         | _         | _         | $\exists$   | ł |            | 142<br>143 | $\vdash$                                | +                   | +        | +      | +       | $\pm$        | 十      | Н        |               |
|          | 44   |          | $\Box$    | 1              | 1            | П         | 丰            | 7            | 7         | F          | $\Box$   | 94       |          | $\dashv$ |                         | $\Box$     | $\Box$                        | $\exists$ | 7         | $\exists$ | $\exists$   | F |            | 144        | П                                       | コ                   | 7        | 1      | 7       | 1            | Ŧ      | $\Box$   |               |
| -        | 45   | $\vdash$ | $\dashv$  | +              | +            | +         | +            | +            | $\dashv$  | $\vdash$   |          | 95<br>96 | Н        | $\dashv$ | -                       | $\dashv$   | $\dashv$                      | $\dashv$  | +         | +         | $\dashv$    | - | -          | 145<br>146 | $\vdash$                                | +                   | +        | +      | +       | +            | +      | Н        |               |
|          | 47   |          |           | #              | #            | Ħ         | コ            | $\downarrow$ |           | F          |          | 97       |          |          | 口                       | $\Box$     | $\Box$                        | $\Box$    | $\exists$ | ゴ         | ゴ           | ļ |            | 147        | 口                                       | コ                   | コ        | 丰      | #       | 1            | 工      | $\Box$   |               |
| -        | 48<br>49   | $\vdash$ | $\dashv$  | +              | +            | ╁┼        | +            | +            | $\dashv$  | -          |          | 98<br>99 | $\vdash$ | -        | $\dashv$                | $\dashv$   | ᅱ                             | $\dashv$  | $\dashv$  | +         | $\dashv$    | ŀ |            | 148<br>149 | ${\mathbb H}$                           | $\dashv$            | +        | +      | +       | +            | +      | Н        |               |
|          | 50   |          |           | 土              | 工            | 口         | #            | I            | J         |            |          | 100      |          |          |                         |            |                               | コ         | 1         | 1         |             |   |            | 150        |   | ユ                   | 1        | 1      | 1       | 土            | 1      |          |               |